

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
1	Number of States and Territories that provided Integrated Reports consistent with EPA's guidance for Assessment, Listing, and Reporting Requirements pursuant to Sections 303(d), 305(b), 314 of the Clean Water Act.	Grant requirement	Outputs: State Groundwater Program will provide Groundwater reports and updates to be included with the State 305(b) Report. This report is required under the Water Pollution Control Act as a grant requirement. Mechanism for monitoring improved water quality Outcome: Protection of groundwater and public health	Groundwater report due April 1 on even years. Updates to the 305(b) report are due April 1 on odd years.		The 2012 Integrated Report will include a substantial chapter on ground water. The 2010 report is available at <a href="http://www.dep.state.fl.us/water/docs/2010_Integrated_Report.pdf">http://www.dep.state.fl.us/water/docs/2010_Integrated_Report.pdf</a>
2	Number of States that have adopted and are implementing monitoring strategies in keeping with established schedules.	WQ-5	Outputs: Report on Groundwater Program participation/activities in relation to the State monitoring strategy Mechanism for monitoring improved water quality Outcome: Protection of groundwater and public health	End-year (12/31/2012)		Florida's statewide monitoring strategy is administered by the Watershed Monitoring Section. The most recent strategy document can be found at this link: <a href="http://www.dep.state.fl.us/water/monitoring/docs/design_document_final_12_09_09.pdf">http://www.dep.state.fl.us/water/monitoring/docs/design_document_final_12_09_09.pdf</a>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
3	Protect groundwater and source water areas by reducing the occurrence of groundwater pollution	SP-4a & SP-4b, Clean Water Act—rationale for 106 GW funding to States	Output: Report on the actions/measures that the State has taken to identify, prevent and abate sources of contamination/pollution Outcome: Uncontaminated groundwater and safe drinking water.	End-year (12/31/2012)		<ul style="list-style-type: none"> <li>Most permitted facilities that discharge to ground water are required to generate a ground water monitoring plan as part of the discharge permit. These plans incorporate monitor wells and quarterly water samples to track compliance with the ground water regulations. Each district office has ground water staff to review submittals, develop permit conditions, and review the quarterly monitor reports. Three FDEP district</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
						<p>offices, the Southwest, Central, and South District offices have a large number of facilities to track with limited staffing. Grant funding supports environmental specialists (5 total) in these districts to assist with data review to ensure compliance with Florida's ground water standards.</p> <ul style="list-style-type: none"> <li>The Ground Water Regulatory Section provides technical assistance to the Wastewater Program on ground water quality issues, monitoring plans, and</li> </ul>



**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

<b>Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink</b>						
<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/State Comments (Indicate whether the task has been completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
						review of ground water quality exemptions and variances.
4	Groundwater Quality standards/ risk based rules	Program priority, SP-4a & SP-4b	Output: Report on development, amendments, and rulemaking activities that are related to groundwater resources. Outcome- clean and safe drinking water.	End-year (12/31/2012)	Attach Report	<ul style="list-style-type: none"> <li>Information on any new water quality standards or rules or changes occurring during the year that apply to ground water quality will be provided in mid-year and end-of-year reports</li> </ul>
5	Aquifer characterization Provide Description of Activities	Program priority	Output: Report plans and activities designed to characterize groundwater resources from a regional or statewide perspective. Outcome: Clean and safe drinking water.	End-year (12/31/2012)	Attach report	<p>If funding is available the Ground Water programs propose the following:</p> <ul style="list-style-type: none"> <li>Monitoring ground water quality in contributing areas of springs that have been identified for</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
6	Data management/ GIS Provide description of activities	State Program Priority	Output: Report activities that focus specifically on data acquisition, integrating groundwater data with other environmental data, and /or increasing the accessibility of groundwater data among different programs and agencies of the State and EPA. Outcome: Protection of groundwater and public	End-year (12/31/2012)	Attach report	<ul style="list-style-type: none"> <li>The Ground Water Protection Section will continue to compile a database of ambient ground water and springs water quality data that represents all available data from the 5 water management districts, the USGS, and three</li> <li>focused restoration or have other needs based on their impairment by nutrients</li> <li>Continuation of a study by the Florida Geological survey to assess arsenic occurrences in Florida's ground waters.</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
			health.			<ul style="list-style-type: none"> <li>FDEP databases and advance development and refinement of tools for data retrieval and mapping.</li> <li>FDEP will continue GIS based SWAPP assessments.</li> <li>SWAPP results and data will continue to be maintained in an Oracle database that is used to provide data for the SWAPP website.</li> </ul>
7	Cross-Program/Cross agency Coordination Provide description of activities.	State & EPA Program Priority	Output: Report activities (other than source water/wellhead protection) that involve and promote coordination/collaboration with other programs and agencies. Outcome: Protection of	End-year (12/31/2012)	Attach report	<ul style="list-style-type: none"> <li>The ground water activities are emmeshed with Florida's Watershed Approach and ground water staff work closely with surface water assessment</li> </ul>



**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
			groundwater and public health.			<ul style="list-style-type: none"> <li>staff in evaluating ground water-to-surface water impacts relative to impaired surface waterbodies</li> <li>The Ground Water Protection Section was recently given the responsibility of water quality assessment and TMDL development for springs and will now have a key role in working with local governments and other stakeholders where there are ground water problems that impact springs</li> <li>The ground water staff continues to coordinate the state's</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
						<p>protective ground water program with the Florida Department of Agriculture and Consumer Services (FDACS). Ground Water Protection</p> <p>Section staff provides technical assistance on products subject to pesticide registrations and assist in the management of nutrient-related BMP studies at agricultural sites.</p> <ul style="list-style-type: none"> <li>Through an interagency agreement, the FDEP works with the Florida Department of Health (FDOH) in sampling private water wells for</li> </ul>



**FY12 SECTION 106 WORKPLAN**  
**REGION 4 STATE of FLORIDA**  
 EPA Technical Point of Contact: Nancy Marsh  
 EPA Project Officer: Jennifer Shadle  
 State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
 Phone #: 404-562-9436  
 Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
 Email address: shadle.jennifer@epa.gov  
 Email address: richard.w.hicks@dep.state.fl.us

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
						<p>investigating ground water contamination and protecting public health. The Ground Water Protection Section will continue providing assistance in identify problem areas requiring sampling</p> <ul style="list-style-type: none"> <li>The Ground Water Regulatory Section holds quarterly Water Well Contractor Work Group meetings with representatives from the water management districts, FDOH, the Florida Ground Water Association and private water well contractors. Water well permitting,</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
						<p>construction, contractor licensing, rules and other related issues are discussed at these meetings. Grant funds support travel and one environmental specialist position to perform technical review and data management. FDEP staff will participate in training and travel opportunities as funds and travel restrictions allow.</p> <ul style="list-style-type: none"> <li>FDEP continues to implement the Florida Unique Well Identification Program (FLUWID). The objective of the</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
						<p>program is to assign a unique alphanumeric code to water wells to facilitate well identification and interagency exchange of water well data. Grant funds support the purchase of FLUWID tags</p> <p>Approximately 12,000 FLUWID tags will be issued for fiscal year 10/11.</p> <ul style="list-style-type: none"> <li>The Ground Water Regulatory Section maintains the Water Well Contractor Violation Clearinghouse. The Clearinghouse used by FDEP and water management districts to track water well</li> </ul>



**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
						<ul style="list-style-type: none"> <li>The Ground Water Regulatory Section continues to oversee and maintain the contract for the Water Well Contractor Continuing Education Program. FDEP will report on the number of classes/courses made available to water well contractors for CEU credit.</li> </ul>
8	Education and Outreach Provide description of	State Program Priority	Output: Report Participation in education and outreach	End-year (12/31/2012)	Attach report	<ul style="list-style-type: none"> <li>Ground water program staff will</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
	activities.		programs as well as direct interactions with communities concerning activities/action plans to address groundwater contamination. Outcome: Protection of groundwater and public health.			<ul style="list-style-type: none"> <li>continue to maintain program web pages during FY 2012. The web pages provide information on the wellhead protection and source water assessment and protection programs, ground water standards, and ground water assessments for individual basins in Florida.</li> <li>If funding allows, the Ground Water Protection Section will continue to maintain the floridasprings.org web site, which sis a venue for information exchange on springs and water quality</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
						<ul style="list-style-type: none"> <li>issues confronting them.</li> <li>With available funding, FDEP will continue its Living in Florida's Environment (LIFE) environmental educational program in middle schools throughout the state. Several of the key LIFE training locations are in areas where ground water protection is a priority.</li> <li>The SWAPP website will be maintained and updated.</li> </ul>
9	Environmental Justice	State Program Priority	Output: Report activities that specifically target and/or assist minority and low – income communities in	End-year (12/31/2012)	Attach report	All environmental regulations under development in Florida are discussed during



**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
			groundwater protection. Outcome: Protection of groundwater and public health.			public workshops to engage local citizens into the public policy forum.
10	Other Groundwater Protection Activities	State Program Priority	Output: Report other activities that seek to prevent, identify, reduce, or eliminate groundwater pollution. With each activity include the objective, methods, deliverable outputs, and planned milestone schedule. Outcome: Protection of groundwater and public health.	End-year (12/31/2012)	Attach report	<ul style="list-style-type: none"> <li>If 106 grant funding is available, the following projects have been underway or are planned for FY12: <ul style="list-style-type: none"> <li>Continuation of a small grants program with the Florida Rural Water Association to assist small PWSs in source water outreach and education. Also provide funding to FRWA for the proper abandonment of wells that pose threats to human health or the ground water quality.</li> <li>An assessment of septic tank influences</li> </ul> </li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
						<ul style="list-style-type: none"> <li>on shallow ground water and surface water quality in the Lower St. Johns River Basin</li> <li>Development of a GIS-based simplified model to assess the attenuation and transport of nitrate from septic tanks in a surficial aquifer and loading to surface water</li> <li>Assessment of sources of nitrate in selected springs using ground water isotopes and other tracers</li> <li>Ground water-surface water interaction assessments to support TMDL</li> </ul>

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
						Program activities

**Source Water Program Elements**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Outputs/Outcomes</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
11	Percent of community water systems and percent if the population served by community water systems where risk to public health is minimized by source water protection.	Strategic Target <b>SP-4a and SP-4b</b> EPA Strategic Plan	Output: Definition of substantial implementation to determine "minimized risk". Narrative description and percent of CWS and the percent population served that have strategies in place and that are being implemented (See Source Water Assessment and Protection Program Measures Guidance, March 2005.) Outcome: Protection of groundwater and public health.	01/26/2012	Use attached file (Source Water Reporting FY11.doc) for reporting format for Strategic Target SP-4a and SP-4b.	Florida continues to track and report on % of community water systems for which substantial source water protection strategies are being implemented (committed to 70% of community water systems, and 70% of the population served)



**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink						
Task No.	106 Groundwater Workplan Task Description	Basis for 106 Workplan Task	Commitments (Outputs/Outcomes)	Due Date	EPA Comments	End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
12	Other Source Water/Wellhead Protection Activities Provide description of activities	Program Priority	Output: Report specific activities that support implementation of the State Source Water/Wellhead Protection Programs. Outcome: Protection of groundwater and public health.	End-year (12/31/2012)	Attach report	<ul style="list-style-type: none"> <li>Source water assessments will be updated for the entire state by February 2012.</li> <li>Obtain and verify accurate location data for potential contaminant sources (UIC and wastewater sites.)</li> <li>Provide assistance to local source water protection efforts through funding of three Florida Rural Water Association (FRWA) technicians</li> </ul>
13	Quality Assurance: Quality Management Plan (QMP) The State commits to maintaining an up-to-date	In accordance with EPA Order 5360.1 A2 and EPA	Output: Up-to-date and approve QMP. Outcome: Protection of groundwater and public	12/31/2011	Send confirmation to EPA	The FDEP Environmental Assessment Section continues to coordinate

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

**Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink**

<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
	and approved Quality Management Plan (QMP). The State shall review its QMP at least annually to reconfirm its suitability and effectiveness. When significant changes occur, as defined in EPA QA/R-2, the State shall revise and resubmit the QMP to EPA for review and approval.	Requirements for Quality Management Plans, EPA QA/R-2.	health.			with EPA on the QMP, making available FDEP plans and procedures that conform with state quality assurance requirements.
14	The State commits to maintaining an up-to-date and approved Quality Assurance Project Plan	EPA Order 5360.1 A1 40 CFR §31.45	Output – QAPP Submit revisions to existing plan or statement that there were no revisions. Outcome: Protection of groundwater and public health.	12/31/2011	Send confirmation to EPA	No revisions to the plan currently in place.
15	The State commits to fund travel for appropriate staff to attend Regional/National meetings (e.g., State Water Directors meeting) that	Requested by State	Output – increased knowledge concerning protection of ground water and source water, including activities of other States.	09/30/2011	Provide list of meetings to be attended	FDEP staff will participate in training and travel opportunities as funds and travel restrictions allow.

**FY12 SECTION 106 WORKPLAN  
REGION 4 STATE of FLORIDA**

**Draft or Final (Underline one)**

**Date of latest workplan revision: 7/29/2011**

EPA Technical Point of Contact: Nancy Marsh  
EPA Project Officer: Jennifer Shadle  
State Point of Contact: Rick Hicks

Phone #: 404-562-9450  
Phone #: 404-562-9436  
Phone #: 850-245-8229

Email address: marsh.nancy@epa.gov  
Email address: shadle.jennifer@epa.gov  
Email address: richard.w.hicks@dep.state.fl.us

**GROUNDWATER PROGRAM**

<b>Goal 2 - Safe and Clean Water Objective 2.1: Protect Human Health Sub-objective: 2.1.1: Water Safe to Drink</b>						
<b>Task No.</b>	<b>106 Groundwater Workplan Task Description</b>	<b>Basis for 106 Workplan Task</b>	<b>Commitments (Outputs/Outcomes)</b>	<b>Due Date</b>	<b>EPA Comments</b>	<b>End-of-Year State Report/ State Comments (Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)</b>
	focus on ground water and source water protection issues		Outcome: Protection of groundwater and public health.			